

Certificate of Analysis

Product Name	Sodium ascorbate	Batch No.	M24M06253
CAS No.	134-03-2	MFG. Date	Jun 25, 2024
CAT No.	A001073	Retest Date	Jun, 2026
Items	Specification	Results	
Appearance	White or yellowish crystalline powder	Conforms	
Test for Ascorbate	Pass	Pass	
Test for Sodium	Pass	Pass	
Specific Optical Rotation	+103° - +106°	+105.36°	
PH(10% aqueous solution)	7.0-8.0	7.58	
Loss on Drying	≤0.25%	<0.06%	
Sieve Test	≥95% through 20 mesh	Pass	
	≤35% through 100 mesh	Pass	
Heavy Metals	≤10ppm	<10ppm	
Oxalic acid	≤0.2%	<0.2%	
Copper	≤5ppm	<5ppm	
Iron	≤2ppm	<2ppm	

Arsenic	≤ 3 mg/kg	<3 mg/kg
Lead	≤ 2 mg/kg	<2 mg/kg
Mercury	≤ 1 mg/kg	< 1 mg/kg
Assay	99.0%-101.0%	99.56%
Organic Volatile Impurities	Pass	Pass
Total plate count	≤ 100 cfu/g	<100cfu/g
Bile tolerant Negative gram	Negative	Negative
E-coli	Negative	Negative
Coliforms	Negative	Negative
Yeasts&molds	≤ 100 cfu/g	<100cfu/g
Pseudomonas	Negative	Negative
Staphylococcus	Negative	Negative
Salmonella	Negative	Negative
Conclusion	Corresponds.	
Storage Condition	Keep container tightly closed in a dry and well-ventilated place.	

QC:
Alex Foster
QA:
Felix Hobart